

What is claimed is:

1                   1.       A statement handling apparatus comprising:  
2                             an image reading unit for reading image data from a statement in  
3 which information is written in a plurality of areas by different methods;  
4                             a recognition unit coupled to the image reading unit for recognizing  
5 image data of the areas; and  
6                             a control unit coupled to the recognition unit for determining the  
7 information on the basis of the recognition results of the areas and for resolving  
8 differences among any different interpretations of the information determined from  
9 different areas.

1                   2.       A statement handling apparatus according to claim 1 further  
2 comprising a storage unit for storing information about at least one pattern of data of the  
3 statement; and wherein the control unit determines how to interpret data in each of the  
4 areas by using the pattern data.

1                   3.       A statement handling apparatus according to claim 2 wherein the  
2 control unit uses the image data of the areas for determining the information in  
3 accordance with predetermined priorities dependent upon the image data.

1                   4.       A statement handling apparatus according to claim 3 wherein the  
2 control unit gives a highest priority of the predetermined priorities to an area having bar  
3 codes with check digits.

1                   5.       A statement handling apparatus according to claim 1 further  
2 comprising a data input unit, and wherein the control unit determines information from at  
3 least one of the areas by using data input from the data input unit and data from the area.

1                   6.       A statement handling apparatus according to claim 5 further  
2 comprising an output unit for providing an instruction to the user, and wherein the control  
3 unit outputs, when an area being recognized has handwritten characters, an instruction to  
4 request data be input to the data input unit.

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1                   7.     A statement handling apparatus according to claim 1 wherein the  
2 control unit determines, when the information of at least two of the areas is identical, that  
3 desired information is the information from the two areas.

1                   8.     A statement handling apparatus comprising:  
2                   a statement reading unit for reading a statement having a plurality  
3 of areas in which data are provided, and in response providing read data; and  
4                   a control unit for receiving the read data and deciding first and  
5 second areas in which information of one item of read data read by the statement reading  
6 unit is described; and when data in the first area are not recognized, then determining the  
7 information by using the data of the second area.

1                   9.     A statement handling apparatus according to claim 8 wherein the  
2 control unit determines the first area and the second area based upon presentation of the  
3 information in different formats.

1                   10.    A statement handling apparatus according to claim 8 wherein the  
2 statement reading unit reads the data of the statement as image data.

1                   11.    A statement handling apparatus according to claim 9 wherein, when  
2 there is an area in which information is provided as bar codes with check digits, the  
3 control unit determines that area to be the first area.

1                   12.    A statement handling apparatus according to claim 9 further  
2 comprising:  
3                   an input unit for receiving input data;  
4                   an output unit for displaying the input data; and  
5                   a control unit coupled between the input unit and the output unit,  
6 the control unit providing an interpretation of the data input when the second area  
7 includes handwritten data; and also determining, if the data from the input unit and the  
8 second area are identical, that data to be the data to be used in a subsequent process.

1                   13.    A statement handling apparatus according to claim 8 further  
2 comprising a storage unit for storing information about pattern data of the statement, and

3 wherein the control unit determines a type of statement and information read from the  
4 first and second areas by collating the pattern data and the read data.

1 14. A statement handing apparatus according to claim 13 wherein the  
2 storage unit stores information about a priority to be applied when information in the first  
3 and second areas differs.

1 15. A method for reading a statement having a plurality of areas  
2 wherein information is described in different formats, the method comprising:  
3 reading image data from the plurality of areas of the statement;  
4 analyzing the image data from the plurality of areas; and  
5 determining information for subsequent processing by using the  
6 data of at least one area.

1 16. A method as in claim 15 wherein the step of determining relies  
2 upon predetermined priorities for the different formats for determining the information  
3 by using data from the area recorded in a format of a highest priority.

1 17. A method according to claim 16 wherein:  
2 the step of analyzing analyzes at least an area having bar codes  
3 with check digits, and  
4 the step of determining first uses the image data of an area having  
5 bar codes with check digits.

1 18. A method according to claim 16 wherein, when there is one area  
2 that can be recognized in the recognized image data of the areas, the step of determine  
3 further comprises:  
4 requesting data input;  
5 correlating content of the data input to content of the analyzable  
6 area to thereby determine the content when the correlation results in coincidence.

1 19. A method according to claim 18 wherein the recognizable area  
2 includes handwritten characters.

1 20. A method according to claim 15 wherein the analyzing step  
2 analyzes the areas by using pattern information.

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1           21.    A method according to claim 15 further comprising after the image  
2 data of the statement is read, a step of determining the type of statement from which the  
3 image data was read by using pattern information of a plurality of statements.

1           22.    An automated-teller machine for handling statements comprising:  
2                   a read unit for reading data from a statement; and  
3                   a control unit for acquiring first information from at least one of a  
4 plurality of areas of the statement, then determining a first area and a second area in  
5 which predetermined information is contained, by using the first information, then  
6 determining the predetermined information from the data of the first area prior to the  
7 second area and in response executing a transaction using the predetermined information.

1           23.    An automated-teller machine according to claim 22 further  
2 comprising a storage unit for storing the first information.

1           24.    An automated-teller machine according to claim 23 wherein the  
2 read unit reads the statement as image data.

1           25.    An automated-teller machine according to Claim 24 further  
2 comprising an input unit for receiving input data, wherein, when image data of the first  
3 area cannot be recognized, the input data is used to determine the image data.

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